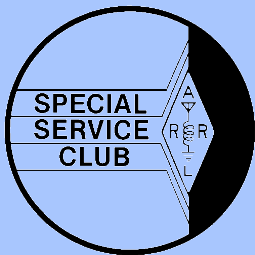




The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: **Second Tuesday** of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the **First Tuesday** of each month.
- On the **fourth Tuesday** of every month, in-person meeting at Ridge Road Baptist Church where there will be project tables, demos, snacks, and socializing.



PUBLIC SERVICE EVENTS

Interested in helping? Visit
<https://www.rars.org/public-service.php>

frequently for our ham public service schedule.

RARS General Meeting

Main Topic: Issues in Radio Spectrum
given by Jon, WB3ERA

Date: March 14, 2023

Time: Meeting at 7:30 PM, informal
gathering at 7PM on Zoom.

RARS In Person Meeting

Date: March 28, 2023

Where: Ridge Road Baptist Church

Time: 7:00 PM

On the fourth Tuesday of every month. In-person meeting at Ridge Road Baptist Church where there will be project tables, demos, snacks, and socializing.

RARS Officers

PRESIDENT

John Honeycutt
N8ZU
919.417.2477
jfh49@bellsouth.net

VICE PRESIDENT

Chuck Till
K4RGN
k4rgn@arrl.net

SECRETARY

Mark Kilmer
KM4JRH
919.676.0110
mark.kilmer@gmail.com

TREASURER

Greg Seamster
KE4PAX
919.859.0029
KE4PAX@arrl.net



The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Regular dues for licensed amateurs are \$18 per year. (From July 1 through June 30.) Additional licensed immediate family members pay \$5 each per year. Dues for licensed full time students and licensed seniors 60 and over are \$12 per year. Unlicensed individuals may become associate members for \$9 per year. Applications for membership are available from the treasurer or on the RARS web site.

<https://www.rars.org>

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the Saturday that is ten days before the general meeting. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

February 14, 2023 RARS meeting

The meeting was held on Zoom. Many members connected from 7PM on. President John Honeycutt, N8ZU, ran the formal part of the meeting. The presentation was about Principal Events 2023

Marty , W4MY spoke about the NCQP.

NORTH CAROLINA QSO PARTY



Marty Young, W4MY

February 14, 2023 RARS meeting, continued

NORTH CAROLINA QSO PARTY

Sponsored by:
Raleigh Amateur Radio Society



Clean Sweep Certificates



197 Clean Sweep
Certificates were
awarded in 2022

Full NCQP information is located at this website.

[North Carolina QSO Party – February 26, 2023 – 10am – 8pm EST \(ncqsoparty.org\)](https://www.ncqsoparty.org)

February 14, 2023 RARS meeting, continued

Nancy spoke about the RARSfest



Nancy Torborg, KB2TNR

The Raleigh Amateur Radio Society Hamfest™

- Setup- Friday, April 7th
- Show - Saturday, April 8th
- Location - The Jim Graham Building
4825 Trinity Road
Raleigh, NC 27607

Tickets

- Tickets are on sale NOW!
- Pre-Sale \$10 (until April 1st); \$12 at Door
- Under 16 *FREE* with an adult
- *Everyone* must have a ticket (even me!), including flea market vendors

Clubs free!

- Amateur Radio
- Hobby Electronics
- Hobby Computer
- Robotics
- Radio Controlled cars/planes
- “Makers”

The Club “deal” is for the purpose of *education*, not sales.

The table is free, but requires paid admission for staff

Full RARSfest information is located at this website.

[RARSfest - The NC Capital City Hamfest](https://www.rars.org)

February 14, 2023 RARS meeting, continued

Curt Phillips, W4CP, spoke about Field Day. The site for 2023 has not been determined yet. Watch the RARS website for updates.



Curt Phillips, W4CP and Tony Laszlo, K4AGL, 2022 Field Day



Click here for the [RARS | Field Day](https://www.rars.org) website.

February 14, 2023 RARS meeting

 TL Tom Lewis, N4TL Raleigh	 CK Chuck K4RGN Raleigh	 LK Larry K4LXV Raleigh
 Mark - KM4JRH - R... (Host)	 Curt Phillips W4CP, Smithfield	 LN Lee N4WYE-Marietta, GA
 CK Chuck, K4HF - Raleigh	 DK Dave K4DME Emporia, Va	 LK Leila KO4ZTR Raleigh NC
 JH John Honeycutt, N8ZU, Raleigh	 DW dennis wz0q Raleigh	 MW Marty W4MY
 Tadd (KA2DEW) Torborg	 DA Doug AD4UL Melbourne, FL	 MS Mike Salmi, AE4IM Fuquay
 BW Bob Woodson	 DN Doug N3LTV Raleigh NC	 MM Murray Merner, K4MHM, Ralie
 Marc W4MPS	 GK Gary, KQ4BTC/Raleigh	 N4BJH Joe Wake Forest
 AA AB4OZ ALAN Raleigh	 GK Greg KEPAX	 Pete K4PHS
 AG AJ4YA Grady	 JK Jeremy K2HJX Raleigh	 RK Richard Kroeger N1FUA Apex
 BD Ben Davis KN4RFT	 JK Jerry KE4TTS Cary, NC	 RK roger k4klk Raleigh
 BW Bob, W4GIA, Raleigh NC	 JW Jim W1XR	 SK sam KN4RWI
 BK Brantley K4CBW	 JK Joe KM4WRQ - Apex	 SW Steve W4MGT - Raleigh
 BR Bruce Raleigh W8TWT	 K- K4BYN - Louis - Raleigh	 T- Tom - NC4TS - Florida
 CD Carl Davis	 KN KB2TNR Nancy Torborg: Raleigh	 Tom KQ4FKQ Cary, NC
 C Charles-WA4OSS	 K- KE4IHX - Al. Roxboro	 Tyler KO4BZA
 Chris Smith N3CS	 KC Ken Castille KN4GUS Four Oaks	 WB W4WHW Bill Raleigh
		 WK Will KQ4CDN Durham

49 people attended

Monthly In-Person RARS Gathering

February 28th 2023

VE Testing was held at the church during the gathering. Here are a few pictures taken by Richard, K7RLH. The test session was headed up by Joe White, WA4GIR. Eleven applicants and all got what they came for and, for some, more!

From Richard Hall K7RLH



Left to right,
Dennis Keith, NC4DK; Doug Wall, N3LTV
Joe White, WA4GIR; Liz White, KO4CK

Fourth Tuesday RARS Monthly Event Continued



VE Testing February 28th 2023

Fourth Tuesday RARS Monthly Event Continued



Regular activities continued during the in person event.

Transceivers are setup in the back of the room for demos allowing people to get on the air.



RARSfest information, card sorting and how to solder.

Fourth Tuesday RARS Monthly Event Card sorting

Krish, W4VKU asked for help sorting about 500 QSL cards. The QSL cards for these DX operations.

VU7AG, VU7KP, Lakshadweep Islands

VU4CB, VU4K, VU4KV, Nicobar and Andaman Islands

8Q7KP. Maldives Islands



Krish, W4VKU waving at the camera.

About ten people worked on folding and sorting the QSL cards. All the cards are all going to the ARRL outgoing QSL bureau. The bureau requires the sorting. After a while we learned that it was faster to sort the cards first. Fold them second.



Fourth Tuesday RARS Monthly Event Card sorting



Sorted cards



I think the cards on the right are the ones going to Japan. They had the biggest pile by far.

The ARRL says not to use string to hold groups of cards together. Some of the cards needed further sorting. So we kept them separate with string. All the cards in the V pile (and others) needed to be sorted by numerical call sign (VE1, VE2, VE3 and VK1, VK2, VK3, etc). Krish was going to do that later. For more information on the ARRL outgoing QSL Service go here [Outgoing QSL Service \(arrl.org\)](https://www.arrl.org/outgoing-qsl-service).

Monthly In-Person RARS Gathering

Next RARS Gathering on March 28.

Ridge Road Baptist Church, at [2011 Ridge Road, Raleigh](#)

Part show-and-tell, part maker faire, part operating event, the RARS Gathering is the event to attend if you want to find out about the local ham community, meet other ham radio operators, see hands on demos of old and new ham radio equipment, get on the air, and exchange ideas in a fun forum. Members and non-members are welcome.

The meeting starts at 7:00 pm in the Fellowship Hall, but we start setting up at 6:00 pm, and you are welcome to bring your own ham radio equipment and projects to demonstrate, show off, or just work on with other like-minded hams -- we have plenty of tables. You might also find sources of coax, connectors, zip cord, Powerpoles®, and whatnot.

NC State Student Amateur Radio Society



The NC State Student Amateur Radio Society (W4ATC StARS) is a group of men and women who practice the hobby of amateur radio. We represent a wide range demographics, of majors, and of interests. Read about our [club history here](#).

If you are interested in learning more about us, joining, contact us. Interesting in just finding out a little more about Ham Radio, [click here](#).

TNX and 73 (Amateur radio speak for thank you and best regards).

<https://w4atc.ncsu.edu>

Copied from the W4ATC website.

RARSfest™

Raleigh Amateur Radio Society

North Carolina's Largest All-Indoor Hamfest!

At RARSfest™, we are excited to bring to you the best in new equipment where you can shop in climate-controlled comfort! Check out their websites today, make your shopping list, and come see us April 8th from 8-3 in the Jim Graham Building at the NC State Fairgrounds!

[Blue Wireless](#)

[Central Carolina Skywarn-NWS](#)

[DSS Tech Services/Fluke Repair](#)

[DZ Kits](#) 

[Electronic Product Design, Inc.](#)

[G & G Electronics](#)

[The Ham Badgers](#)

[Ham Public Service NC](#)

[Ham World](#)

[JARS COM](#) 

[KE4WMF/R](#) 

[N4OOC's Attic](#)

[n2mh@n2mh.net \(Arden Car\)](#) 

[Phase Dock Inc.](#)

[QuickSilver Radio](#)

[Real Time Relief](#)

[RF Connection, Inc.](#)

[Satellite Headquarters](#)

[Summit Outdoors Gear](#)



[The Sign Man of Baton Rouge](#)

[Tarheel Designs LLC](#)



[TARPN](#)

[The Wireman, Inc.](#)

I went to Hamcation to try to get even MORE dealers! What products would you like to see? Who's that "moonshot" vendor that RARSfest would like to snag? Check out <https://www.hamcation.com/commercial-vendors-list> and let me know at rars-fest@rars.org

We are also proud to partner with the following groups to promote the mission of amateur radio, so elegantly expressed in the Anchorage Amateur Radio Club's Mission Statement:

"... to vigorously promote, support, and lead amateur radio activities in a manner that honors and exemplifies the [radio amateur's code](#), builds esprit de corps within our membership, and serves our community's needs."

[Amateur Satellite Corp. \(AMSAT\)](#)

[ARRL NC Section](#)

[ARRL / RARS Info & Membership](#)

[Central Carolina Skywarn-NWS](#)

[QCWA](#)

[Southeast Repeater Association](#)

[TARPN](#)/NCPacket

We have several clubs with non-sales tables who have reserved a space to promote not only their organization but the hobby as a whole.

73,

Nancy Torborg, KB2TNR

RARSfest Chair

Future RARS Meeting Topics

Titles, topics, and speakers **subject to change.**

Date	Topic	Presenter
3/14/2023	The future of radio spectrum	Jon Siverling WB3ERA of the ARRL staff
4/11/2023	Repeater Update	Chuck DeCourt, W3WZN Danny Hampton, K4ITL

During the Zoom meetings please keep
your microphone muted.

Please edit your name so your
Name, Call and Location are shown.

February 2023 RARS Net Report

Twenty eight 2m nets

407 checkins

772 minutes

73 Julie Royster, KT4JR

RARS Member Birthdays

Pete	NL7XM	03/
Carl	KJ4WD	03/01
Marty	W4MY	03/02
Barbara	KK4TLY	03/02
Bill	KN4GYS	03/04
Sharon	KD4ACK	03/06
Karl	W4CHX	03/06
James	AJ4M	03/08
Victor	KO4VFM	03/08
Rich	KR4AS	03/08
Dan	WA3CUC	03/09
Stephen	KO4SBL	03/09
Matthew	KD9ABR	03/10
David	KF4VXJ	03/12
Bob	WA4ZZN	03/12
Pam	KK4IPN	03/13
Ernie	N4AEW	03/14
Tom	KJ4ULP	03/14
Greg	KN6KIE	03/15
Jim	KE4ROH	03/16
Larry	K4LXV	03/17
Roger	K4KLK	03/17
Eddie	WK4I	03/18

Ernie	NC4EW	03/19
Murray	K4MHM	03/20
Chuk	KB4MDZ	03/21
John	W2KI	03/22
Greg	KE4PAX	03/23
Edward	WQ2X	03/25
David	KI4PUT	03/25
Alaina	KK4HUX	03/30
Dave	K4DME	03/30
John	AF4ZE	03/30

New Members

Al Clement, Jr	N4VF
Bill Berzinskas III	KQ4FZQ
Craig McCrary	KQ4GNZ
Craig Smith	KQ4GON
Daniel Berzinskas	KQ4GOB
Patrick Drake	W4NMW
Patrick Hannon	K3PMH
Paul Robertson	N2XZF
Samuel Wall	KQ4GOR
Steve Worth	NC4SW
Tim Haga	KO4FJW



HAM RADIO LUNCHEON

Everyone is welcome!

Every Thursday at 11:15 AM, New York Diner,
909 McKnight Drive Knightdale.

<https://www.facebook.com/NewYorkDinerNC>

Check the latest information on the AB4OZ QRZ entry. [QRZ.COM](https://www.qrz.com).

RARS Contagious Diseases Policy

“The Raleigh Amateur Society asks that any person to know that they have COVID 19, or other contagious diseases, refrain from attending any in-person RARS event until they are no longer contagious.”

RARS Membership links

Use the following link to verify / update your membership profile.

<https://www.rars.org/userprofile.php>

Use the following link to renew your membership.

https://www.rars.org/membership_renewal.php

Free AB4OZ Hamfest, Weather permitting

The free AB4OZ Hamfest will be Saturday, May 13, 2023. Setup at 9AM. Start time is 10AM. New location, Golden Corral Restaurant rear parking lot. 3551 Grenelle street, Raleigh NC 27603.

Check the latest information here [QRZ.COM](https://www.qrz.com).

Other Hamfests, Charlotte March 10, 11, Raleigh April 8; Winston Salem April 15.

<https://www.rars.org>

RARS Monthly Supper, IHOP Restaurant

All members and guests are welcome to the monthly (first Tuesday) RARS Supper, 6:30PM, at the IHOP Restaurant, 7471 Six Forks Road, Raleigh. The restaurant is on the corner of Sawmill and Six Forks Roads. After entering the restaurant and lobby, move to the left to the glass window enclosed private room. Informal and Dutch, just bring your appetite and best rag to chew.

73, Chuck, K4HF

We'll see you in Charlotte for the
**Antique Radio &
Phonograph Expo**
MARCH 23 - 25
Airport Sheraton
3315 Scott Futrell Dr.
Charlotte NC
Radios - Phonographs - Parts
Records - HiFi - Tubes
Vintage Electronics
*Plus seminars, a huge flea
market and auction!*
More info at www.cc-awa.club

Click here to go to the website www.cc-awa.club



RARS Repeaters in Raleigh

146.640 And 444.525

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

There is a net Listing on the RARS web-site click here. <https://www.rars.org/nets.php>

NC Aviation resource

From the Tarheel Scanner Group. Lots of information from the NC department of Transportation.

<https://www.ncdot.gov/divisions/aviation/Pages/publications.aspx>

BBC Schedules.

[Short-Wave Radio Frequency Schedule for BBC in ENGLISH](#)

Simon's world map by G4ELI

This free map has a lot of ham radio information in it. Solar flux, ITU and CQ zones, prefixes, to show them just click on the icons at the top. When going to the site to download the software, it will ask you to sign up for Drop Box. That is not needed.

VERSION 1.3.8 [Introduction — G4ELI](#)

<https://www.g4eli.com/world-map>

Electric Radio and Swan

In the Jan/Feb 2023 issue of Electric Radio, Bill, W4WHW has an article about Swan audio output transformer replacement. See page 42. Bill is a member of RARS.

<https://www.ermag.com/>

Bill is one of the net control stations for the Swan Radio Users Net (14.292.5Mhz +/- QRM heard every Sunday afternoon at 1600 ET) and occasionally for the Swan Technical Net (7.242Mhz +/- QRM heard every Saturday afternoon at 2pm ET.) Collecting, operating, and repairing old Swan radio gear is one of Bills' favorite pastimes.

Making Vinyl records the old way and the modern way

Ever wonder how 78 RPM records were made in 1942?

Watch this YouTube video. "RCA makes 78s in 1942". Its 19 minutes long.

<https://www.youtube.com/watch?v=ZOKEff-xHes>

Here is a much newer method. Eight minute video.

<https://www.youtube.com/watch?v=S ce-DCQzHQ>

KN4RZD mobile effort during the NC QSO Party

By Ben Davis, KN4RFT

AJ, KN4RZD and I, KN4RFT had originally planned to operate together Portable from Wilson county in the style of a Parks On The Air activation. Partially motivated by the efforts of NCQP to stimulate mobile entries, we switched our plans last minute and set out for a 13 county adventure across eastern NC. Along the way we operated from 3 North Carolina counties shown as Inactive in 2022. AJ and I both became licensed in late 2018 and this was the first time either of us have operated HF mobile.

Full trip summary for the KN4RZD mobile effort during the NC QSO Party.

Stats:

Contacts: 360

Total Multipliers: 83

Bonus Stations Worked: 1

Miles Driven: ~267

Time Behind the Wheel: 9 Hours 45 Minutes

Counties Visited: Bertie, Franklin, Greene, Halifax, Hertford, Johnston, Martin, Nash, Northampton, Pitt, Wake, Washington, and Wilson.

*the above numbers are manually calculated to give credit for every county we worked and worked in.

Total Points: 59,810 (unofficial)

Thank you to KN4RZD for making most of these contacts and for trusting my wild route. AJ operated the radio and logged while I drove and continued to log when we were parked. Also, thank you to all of the FCARC club members who worked us on multiple bands and in multiple counties. This was the first time AJ or I operated mobile during a contest and we treated this as a once in a life time trip.

My only regrets are not operating from Edgecombe county since we drove all the way around it and not tallying how many times I changed the hamstick on top of the car to operate on different bands.

Equipment: We mainly used equipment I had acquired for activating Parks on the Air. The only purchases we made specifically for the trip were gas and food.

Vehicle: 2018 Kia Forte

Radio: Icom 7100 with an LDG IT-100 tuner

Power: 24 Ah homebuilt LiFePo4 battery pack and 65Ah SLA

Logging: N3FJP on a Windows laptop connected to the radio via USB

Antennas: Shark S-F5MS Mini Hamstick set, a heavy duty PL-259 to 3/8-24 adapter, HYS SO-239 triple mag-mount antenna base

KN4RZD mobile effort during the NC QSO Party, continued

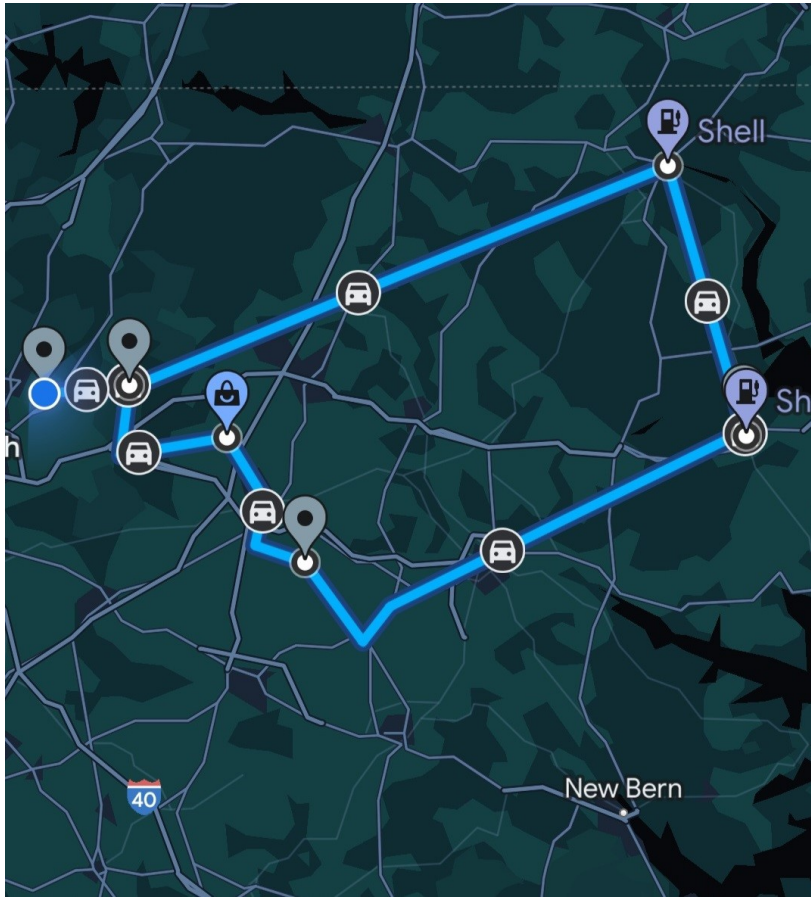


Operating from the Vollis Simpson Whirligig Park in Wilson, NC (Wilson County)



Operating parked on E Water Street, Plymouth, NC (Washington County) on the Roanoke River

KN4RZD mobile effort during the NC QSO Party, continued



Map showing route

Miles Driven: ~267

Time Behind the Wheel: 9

Hours 45 Minutes

Counties Visited: Bertie,
Franklin, Greene, Halifax,
Hertford, Johnston, Martin,
Nash, Northampton, Pitt,
Wake, Washington, and
Wilson.



AJ Debnam Jr., KN4RZD and Ben Davis, KN4RFT

Tad Danley, K3TD and Jim Jordan, K4QPL in the NCQP

Comments from Tad, K3TD about the NCQP. He did the driving and Jim, K4QPL did the operating.

- It was our best rove ever in NCQP in terms of Qs - 845 all on CW!
- It was FUN!
- We activated Counties we had not activated before in previous NCQP events, including Alleghany and Wilkes and there was plenty of demand for them. We were parked at the Eastern Continental Divide in Alleghany County for at least 30 minutes while Jim was running stations!
- The station ran flawlessly - K3 with a Tarheel mounted to the rear bumper on 80/40/15/10 and a 20 meter fiberglass wire wound antenna with a stainless steel whip out of the top of it clamped to the right side of the hood near the front - total height approx 8' Worked OM2VL MANY times. I believe he had 78 multipliers in the contest (not sure how many we accounted for) but it was his best NCQP ever as well

73, Tad Danley, K3TD



RARS Classifieds

Copied from <https://www.rars.org/classifieds.php>

The items below were listed within the last 30 days on the RARS website.

Check the RARS Classified List on the RARS website regularly for new items.

Baofeng DR-1801 uv DMR ht

Posted March 2nd, 2023 by: WZ0Q

Contact: wz0q@outlook.com

New never used dmr radio.

Asking \$75.00 or oboe

Thought I would get into dmr, but

Not interested in it. Baofeng DR 1801 uv.

919-413-5998

Dennis

Wz0q

LDG AT-100Pro Autotuner

Posted March 1st, 2023 by: WM2Z

Contact: wmelhado@gmail.com

The AT-100Pro Autotuner provides fully- and semi-automatic antenna tuning across the entire HF spectrum plus 6 meters at power levels up to 125 watts. It will tune dipoles, verticals, Yagis, or virtually any coax-fed antenna. Use with a balun for other antenna types. Includes power/tune cable for Icom radios and original instruction manual. Used in excellent condition. \$125

Kenwood TS-590SG for sale

Posted February 28th, 2023 by: K4RLC

Contact: bconder@yahoo.com

Kenwood TS-590SG in original manufacturer's box from Gigaparts. Never opened. Gold warranty.

Great rig for CW and Phone. Rock solid.

Gigaparts list today is \$1598.95. Sell for \$1250.00

Pick up in north Raleigh - prefer not to ship.

Bob K4RLC

RARS Classifieds continued

FS: CLASSIC Hallicrafters SX-42

Posted February 23rd, 2023 by: W4BOH

Contact: infomet@embarqmail.com

Loaded with technology.

Even gets FM broadcast band.

Giveaway price \$50, less than a dollar per pound!

Wilson

Midland WR-100 NOAA All Hazard/Weather Receiver

Posted February 14th, 2023 by: WM2Z

Contact: wmelhado@gmail.com

Midland WR-100 All Hazard/Weather Alert Receiver. Alert monitor for weather (flood, tornado, hurricane, thunderstorm, etc.), civil emergencies and other hazards. 7 NOAA channels. SAME programming provides alerts for only specific counties threatened.

25 county memory. This unit is programmed for Wake County. Built-in clock with snooze. Battery backup requires 3 AA cells (not included). Wall-wart power module and original Owner's Manual included. Used in good operational condition but some corrosion on battery terminals. \$10

MFJ-960 Antenna Tuner

Posted February 14th, 2023 by: WM2Z

Contact: wmelhado@gmail.com

MFJ-969 Deluxe Versa Tuner. Full 6-meter through 160-meter coverage. 300 watts SSB PEP full featured antenna tuner, roller inductor, full size lighted Cross-Needle SWR/Wattmeter reads true peak forward power, QRM-Free PreTune, 8 Position antenna switch, built in 50 Ohm dummy load, heavy duty 4:1 balun.

Used in Excellent condition. \$190

RARS Classifieds continued

FS: Antenna Switches

Posted February 8th, 2023 by: W4BOH

Contact: infomet@embarqmail.com

The DFMA has high class antenna selector switches for sale.

There are two ea two position and one ea four position.

I don't have the names handy, but they are all the very heavy ones.

I can get brands, if you like.

The two way are \$25 and the four way is \$50. That's about half price, so raise your hand quickly, before someone else does.

Currently in Hillsborough but can be picked up in Morrisville or Durham.

73,

Wilson

Two items for sale

Posted February 5th, 2023 by: N4TL

Contact: n4tl2@yahoo.com

Knight TR-106 Six Meter AM transceiver, receiver works,
Xmit needs work, includes 50.400 crystal. \$25

Polyphaser 50NX-C2, surge protector, not tested \$20
contact me via email N4TL2@yahoo.com

